



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4297-1
Job Sheet 202740



Part No: D4297-1

Job Qty: 6 pcs

Part Name: Bearpaw



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/1/19

Job Tracking No:

Due Date: 11/28/19

Created By: Linda Lacelle

Type: Stock

Description:

Note: DWG REV C IPP REV:A NEW ISSUE 11-01-05 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
90	Purchasing	6 pcs	11/28/19	11/28/19	0.00	0.00	Purchasing - 1	NOV 11 2019
					x 6		Purchasing - 2	
							Purchasing - 3	
100	Packaging 2-1 - Receive - B4B	6 pcs	11/28/19	11/28/19	0.00	0.00	Packaging 2 - 1 - B4B	NOV 11 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S230593



Part: D4297-1

Job No: 202740

Serial No/Batch: S230593

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/11/19

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
110 QC 6	6 pcs	11/28/19	0.00 0.00	QC 6 - 9		
				QC 6 - 68		
				QC 6 - 61	DAS	NOV 12 2019
				QC 6 - 40	81	
				QC 6 - 81	9-89	
130 HAAS 4 Axis - B4B	6 pcs	11/28/19	1.00 8.84	HAAS - 1 - B4B	DAS	
				HAAS - 2 - B4B	52	19/11/19
				HAAS - 3 - B4B	9-89	
				HAAS - 4 - B4B		
140 QC 2	6 pcs	11/28/19	0.00 0.00	QC 2 - 1		
				QC 2 - 12		
				QC 2 - 14		
				QC 2 - 17		
				QC 2 - 19		
				QC 2 - 2		
				QC 2 - 20		
				QC 2 - 22		
				QC 2 - 23		
				QC 2 - 25		
				QC 2 - 32		
				QC 2 - 33		
				QC 2 - 35		
				QC 2 - 39		
				QC 2 - 4		
				QC 2 - 40		
				QC 2 - 44		
				QC 2 - 45		
				QC 2 - 48		
				QC 2 - 49		
				QC 2 - 50		
				QC 2 - 51	DAS	
				QC 2 - 52	52	19/11/19
				QC 2 - 57	9-89	
				QC 2 - 62		
				QC 2 - 63		
				QC 2 - 8		
				QC 2 - 66		
				QC 2 - 64		
				QC 2 - 65		
				QC 2 - 5		
				QC 2 - 71		
				QC 2 - 73		
				QC 2 - 69		
150 QC 8	6 pcs	11/28/19	0.00 0.00	QC 8 - 12	DAS	
				QC 8 - 14	14	19/11/19
				QC 8 - 17	9-89	
				QC 8 - 20		
				QC 8 - 25		
				QC 8 - 3		
				QC 8 - 32		
				QC 8 - 33		

				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
151 Packaging 3-1 - Stock - B4B	6 pcs	11/28/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	MAD
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
190 QC 21 - SA	6 pcs	11/28/19	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21
				QC 21 - SA - 53	9-08

Part Op 90 - 1-Issue PO: 44981 2-Cut blanks as per D4297-1 file.

Descriptions: **100** - (Pac2-Receive & Inspect for Damage & Mat'l Certs.)

110 - (QC6- All purchased or subcontracted products)

130 - (HAAS CNC Vertical Machine) 1-Inspect material for defects or damage prior to machining 2-Machine as per Folio FA028 and Dwg DWG REV: C FOLIO REV: A.A 3-Deburr

140 - (QC2- Inspect parts off machine FAI/FAIB)

150 - (QC8- Inspect parts - second check)

151 - (Identify as per dwg & Stock Location: _____)

190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4297-1P	Bearpaw	6 (1 ea)	90-Purchasing	523082
MUHMWB10	UHMW 1" Black - 48"x120" Tivar Mfg.#52480104	22.2000 sf (3.7 ea)	90-Purchasing	522871

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Purchasing	D4297-1P	6	0	0
	MUHMWB10	22	666	0

Part Specifications

Specifications could not be found.

Plex 11/1/19 10:58 AM dart.lacelle.linda



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB044981**



Supplier: AC1002-VC
Acier Duval Steel
5888 Country Road 17
Plantagenet
ON
K0B 1L0 Canada
Phone: 613-673-5474
Fax: 613-673-4576

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044981
PO Date: 11/1/19
Due Date: 11/15/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pymt Terms: Net 30
Freight Terms: Prepaid
Special Comments:

						Items								
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	202736	D2432P	D2432 Rev H			Bearpaw 19" X 24" - cut blanks as per D2432_NEST7 file	Firmed X24	-	11/15/19	24 Ea	0 Ea	24 Ea	\$35.26/Ea	\$846.24
												NOV 1 1 2019		
2	202735	D2432P	D2432 Rev H			Bearpaw 19" X 24" - cut blanks as per D2432_NEST7 file	Firmed X24	-	11/18/19	24 Ea	0 Ea	24 Ea	\$35.26/Ea	\$846.24
												NOV 1 1 2019		
3	202734	D4355-1P	D4355 Rev B			Bearpaw - cut blanks as per D4355-1 file	Firmed X6	-	11/15/19	6 Ea	0 Ea	6 Ea	\$44.88/Ea	\$269.28
												NOV 1 1 2019		
4	202733	D4930-3P	D4930 Rev B			Bearpaw - cut blanks as per D4930-3 file	Firmed X8	-	11/15/19	8 Ea	0 Ea	8 Ea	\$25.61/Ea	\$204.88
												NOV 1 1 2019		
5	202732	D4930-1P	D4930 Rev B			Bearpaw - cut blanks as per D4930-1 file	Firmed X4	-	11/15/19	4 Ea	0 Ea	4 Ea	\$23.09/Ea	\$92.36
												NOV 1 1 2019		
6	202731	D5377-1P	D5377 Rev A			Bearpaw - cut blanks as per D5377-1 file	Firmed X8	-	11/15/19	8 Ea	0 Ea	8 Ea	\$48.89/Ea	\$391.12
												NOV 1 1 2019		
7	202742	D4353-041P	D4353 Rev B			Bearpaw - cut blanks as per D4353-041 file	Firmed X10	-	11/15/19	10 Ea	0 Ea	10 Ea	\$42.68/Ea	\$426.80
												NOV 1 1 2019		



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PURCHASE ORDER

POHB044981



Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8	202741	D2521P	D2521 Rev A			Individual Bearpaw - cut blanks as per D2521_BLANK file	Firmed X14	-	11/15/19	14 Ea	0 Ea	14 Ea	\$57.77/Ea	\$808.78
9	202740	D4297-1P	D4297 Rev C			Bearpaw - cut blank as per D4297-1 file	Firmed X6	-	11/15/19	6 Ea	0 Ea	6 Ea	\$33.18/Ea	\$199.08
10	202737	D2435P	D2435 Rev E1			Bearpaw - cut blank as per D2435 file	Firmed X12	-	11/15/19	12 Ea	0 Ea	12 Ea	\$26.45/Ea	\$317.40
Grand Total:													\$4,402.18	

Order Notes

Procurement Quality Clauses
 A005 RIGHT OF ENTRY
 A016 PERSONNEL QUALIFICATION
 A026 CERTIFICATION OF MATERIAL CONFORMANCE
 A032 DOCUMENT SPECIAL REQUIREMENTS
 A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
 A040 NOTIFICATION OF QUALITY ESCAPE
 A041 QUALITY MANAGEMENT SYSTEM
 A042 DART NOTIFICATION BY SUPPLIER
 A043 RETENTION OF QUALITY DOCUMENTS
 A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
 A049 SUPPLIER AWARENESS

Guerin

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/6/19 8:34 AM Dart.Guerin.Kimberley

Acier Duval Steel div. JD Welding Inc.

5888 County Road 17, Plantagenet ON. K0B1L0

Tel: 613-673-4574 --- toll free\ sans frais 1-866-831-5722

info@adsindustries.com www.adsindustries.com

Certificate of Conformance (CoC)

Customer Name	Dart Aerospace
P.O. Number	POHB044981
Part Number	D4297-1P (Job : 202740)
Drawing Number	D4297 Rev C
Material thickness	1"
Quantity	6
Invoice \ Packing slip #	8123

DAS
81
9-89

All technical requirements of the contract are satisfied. Quality and performance are in accordance with the contract, the specifications, and all references and associated contractual drawing and document

I, as a supplier to Dart Aerospace, acknowledge and certify the material covered under this document is produced in accordance with the following:

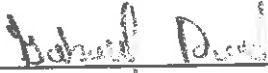
The Quantity in the P.O

The Drawing send to the administration

And other document send in regard to the pieces

*(Acknowledge by marking the boxes)

☒
☒
☒

	Quality Management	November 7 2019
Signature	Title	Date

This certifies the parts / items / material identified above conform to all applicable drawing and/or specification as evidenced by report or other documentation on file and all other purchase order and

A.D.S.

Acier Duval Steel

Fabrication shop: aluminum and stainless steel
plate cutting, bending, rolling and punching services.

Atelier de fabrication: aluminium et acier inoxydable
Service de coupage, pliage, roulage et poinçonnage.

1-866-831-5722

T: 613-573-4574

info@adsindustries.com

5888 County Rd. 17

Plantagenet, ON.

K0B 1L0

Packing Slip:

5122

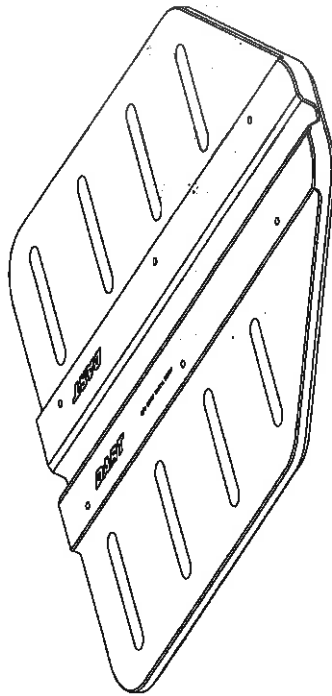
10/08/2019

10/08/2019

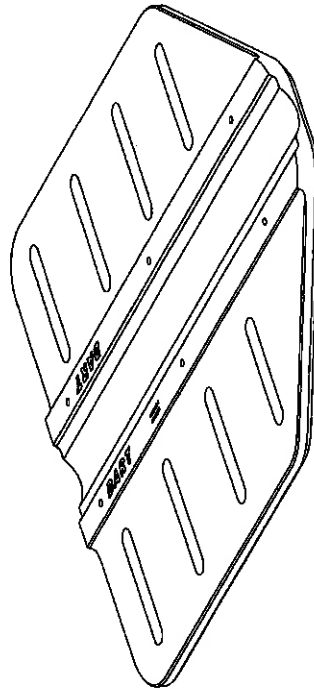
Sold to:		Ship to:
1270 Algonquin Street Markham, Ontario M3A 1G7		1270 Algonquin Street Markham, Ontario M3A 1G7
Order No:		Sold By:
Shipped By:		Ship date:
Tracking No:		

Item No	Quantity	Description
1	1	Job 202730 part D4232-1P Drawing D4232
2	1	Job 202735 part D4232-2P Drawing D4232
3	1	Job 202734 part D4232-1P Drawing
4	1	D4232 Rev B, Bearer
5	1	Job 202737 part D4232-2P Drawing
6	1	D4232 Rev B Bearer
7	1	Job 202737 part D4232-1P Drawing
8	1	D4232 Rev A Bearer
9	1	Job 202740 part D4232-2P Drawing
10	1	D4232 Rev B Bearer
11	1	Job 202740 part D4232-1P Drawing
12	1	D4232 Rev C Bearer
13	1	Job 202737 part D4232-2P Drawing D4232
14	1	Rev E1 Bearer
Mon order #2019-010 Customer material: UHMM 1" thick 409L 120" x 12"		
Comments:		

RECEIVED
10/08/2019
DART METROPACE LTD.



D4297-3 BEARPAW



D4297-1 BEARPAW

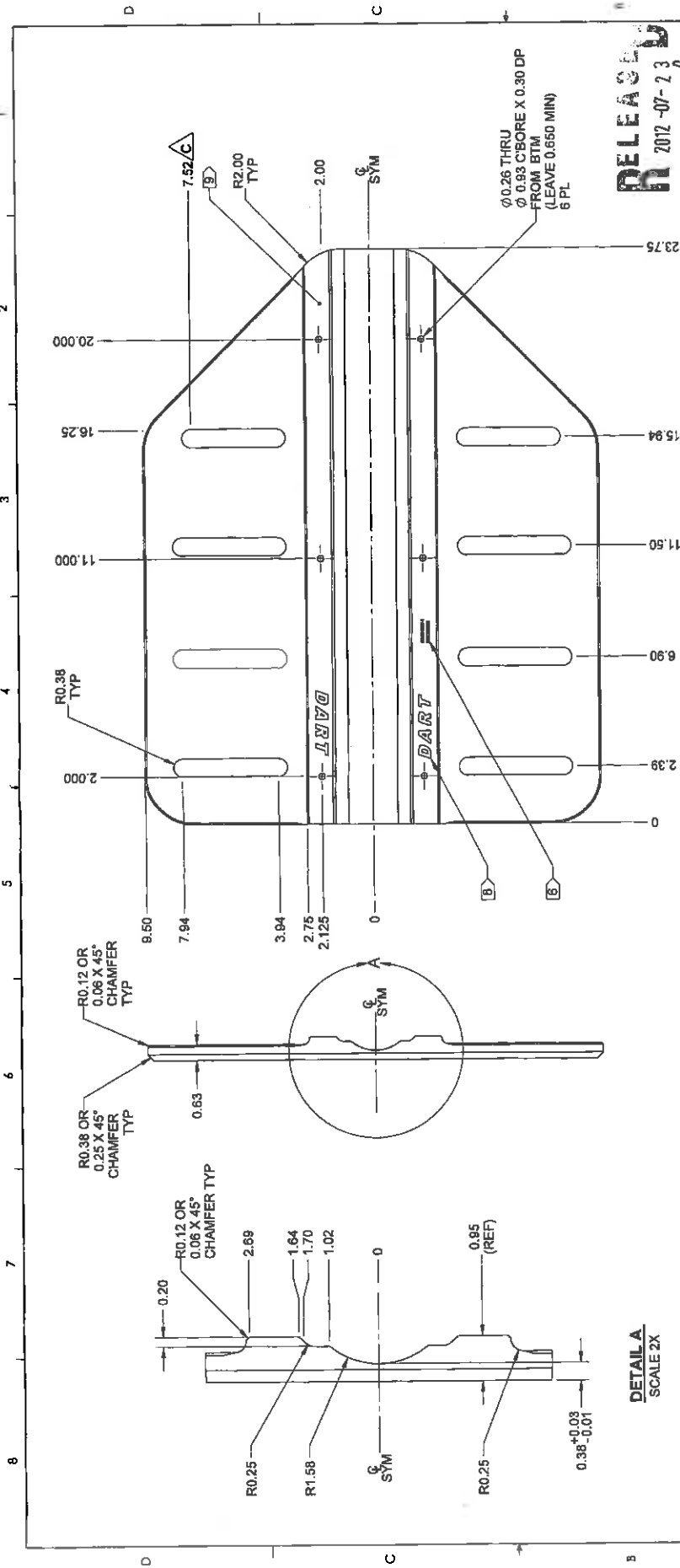
RELEASED
2012-07-23

REV.	DESCRIPTION	DATE	
		BY	DATE
A	NEW ISSUE	RF	10.12.15
B	REVISIONS	RF	11.10.25
C	REVISIONS	RF	12.07.13

DESIGN	RF	AP	12.07.13
DRAWN	AP		
CHECKED	ALLS		
MFG. APPR.	RF		
APPROVED	RF		
DE APPR.	RF		

DATE	12.07.13
TITLE	BEARPAW
DRAWING NO.	D4297
SHEET 1 OF 3	
SCALE	NTS

COMPANY	DART AEROSPACE LTD
ADDRESS	HAWKESBURY, ONTARIO, CANADA
REVISIONS	



RELEASED
R 2012-07-23

D4297-1 BEARPAW

DESIGN	RF	AP	DART AEROSPACE LTD
DRAWN		AP	HAWKESBURY, ONTARIO, CANADA
CHECKED	ALS		DRAWING NO. D4297
MFG. APPR.	AP		REV. C SHEET 2 OF 3
DE APPR.	AP		TITLE BEARPAW
DATE	12.07.13		SCALE NTS

- NOTES:
- 1) MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL, 1.000 THICK MACHINED TO 0.950 (REF DART SPEC. MUHMB10)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.063 RADIUS MAX
 - 6) IDENTIFICATION: ENGRAVE DART NUMBER "D4297-1" AND BATCH NUMBER "BXXXXX" IN ACCORDANCE WITH QSI 044 METHOD 6.3
 - 7) WEIGHT: 8.18 lbs
 - 8) ENGRAVE DART LOGO TO MAX DEPTH OF 0.012
 - 9) ENGRAVE 0.063 X 45° CHAMFER TO ALL EDGES ON SIDE SHOWN UNLESS OTHERWISE INDICATED
 - 10) PROFILE PER DRAWING FILE "D4297-1-REV.C.STP"

DART AEROSPACE LTD		Work Order: 202740
Description: Bearpaw		Part Number: D4297-1
Inspection Dwg: D4297 Rev: C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Inspection Sheet Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A 0.063 x 45°	+0.030/-0.010	0.062 x 45°	✓		Ver	CNC-20
D 0.25 x 45°	+/-0.030	0.25 x 45°	✓		Ver	CNC-20
E R0.250	+/-0.030	R0.25	✓		R.G.	
G 0.63	+/-0.030	0.63	✓		Ver	CNC-20
H 0.38	+0.030/-0.010	0.385	✓		Ver	CNC-20
I 0.950	+/-0.030	0.960	✓		Ver	CNC-20
J 19.000	+/-0.030	19.00	✓		TAPE	
M Ø0.260	+0.005/-0.000	0.260	✓		G.P.	
N Ø0.93	+/-0.030	Ø0.93	✓		Ver	CNC-20
O 0.30	+0.030/-0.000	0.315	✓		Ver	CNC-20
P 23.750	+/-0.030	23.75	✓		TAPE	
S 2.000	+/-0.030	2.00	✓		Ver	CNC-20
T 0.20	+/-0.030	0.20	✓		Ver	CNC-20
U 11.000	+/-0.010	11.00	✓		Ver	CNC-20

Measured by: DAS 52	Audited by: DAS 14	Preliminary Approval:
Date: 9-89 19/11/19	Date: 19/11/19	Date:

Rev	Date	Change	Revised by	Approved
A	11.01.20	New Issue P/O D350-578-013	KJ	
B	12.02.01	Dwg Rev updated	KJ	
C	12.07.31	Dwg Rev updated	KJ	
D	15.02.09	Dimensions revised	KJ	